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NEW MEXICO OIL CONSERVATION COMM. .ON

RECEIVED BY  
MAR 30 1987  
O. C. D.

Form C-101

30-285-62423

5A. Indicate Type of Lease

STATE ☒ FEE ☐

5. State Oil & Gas Lease No.

LG-5566

APPLICATION FOR PERMIT TO DRILL DEEPEN OR PLUG BACK

1a. Type of Work DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		7. Unit Agreement Name
b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Farm or Lease Name Double L
2. Name of Operator Harvard Petroleum Corp.		9. Well No. # 2
3. Address of Operator P.O. Box 936, Roswell, N.M. 88201		10. Field and Pool, or Wildcat Undesignated - West Pecos Abo Slope
4. Location of Well UNIT LETTER <u>E</u> LOCATED <u>660</u> FEET FROM THE <u>West</u> LINE AND <u>1980</u> FEET FROM THE <u>North</u> LINE OF SEC. <u>35</u> TWP. <u>5S</u> RGE. <u>22E</u> NMPM		12. County Chaves
19. Proposed Depth 4500'		19A. Formation Abo
20. Rotary or C.T. Rotary		
21. Elevations (Show whether DF, RT, etc.) GL.-4071	21A. Kind & Status Plug. Bond Blanket	21B. Drilling Contractor Rio Grande Drilling
22. Approx. Date Work will start April 15, 1987		

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12-1/4	8-5/8"	24#	900'	850 sx	Surface
7-7/8	4-1/2	10.5#	4500'	1574 sx	

Mud Program - Fresh water to 900'. Gelled water to T.D.  
BOP installed on 8-5/8" casing.

180 DAYS  
10/1/87  
UNDERWAY

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM; IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed [Signature] Title Vice President Operations Date March 30, 1987

(This space for State Use)

Original Signed By  
Mike Williams

APPROVED BY Oil & Gas Inspector TITLE DATE MAR 31 1987

CONDITIONS OF APPROVAL, IF ANY:

All distances must be from the outer boundaries of the Section.

Operator <b>HARVARD PETROLEUM CORP.</b>			Lease <b>Double L</b>		Well No. <b># 2</b>
Unit Letter <b>E</b>	Section <b>35</b>	Township <b>5 SOUTH</b>	Range <b>22 EAST</b>	County <b>CHAVES</b>	
Actual Well Location of Well: <b>660</b> feet from the <b>WEST</b> line and <b>1980</b> feet from the <b>NORTH</b> line					
Ground Level Elev. <b>4071</b>	Producing Formation <b>Abo</b>		Pool <b>West Pecos Abo Slope</b>		Dedicated Acreage <b>160</b> Acres

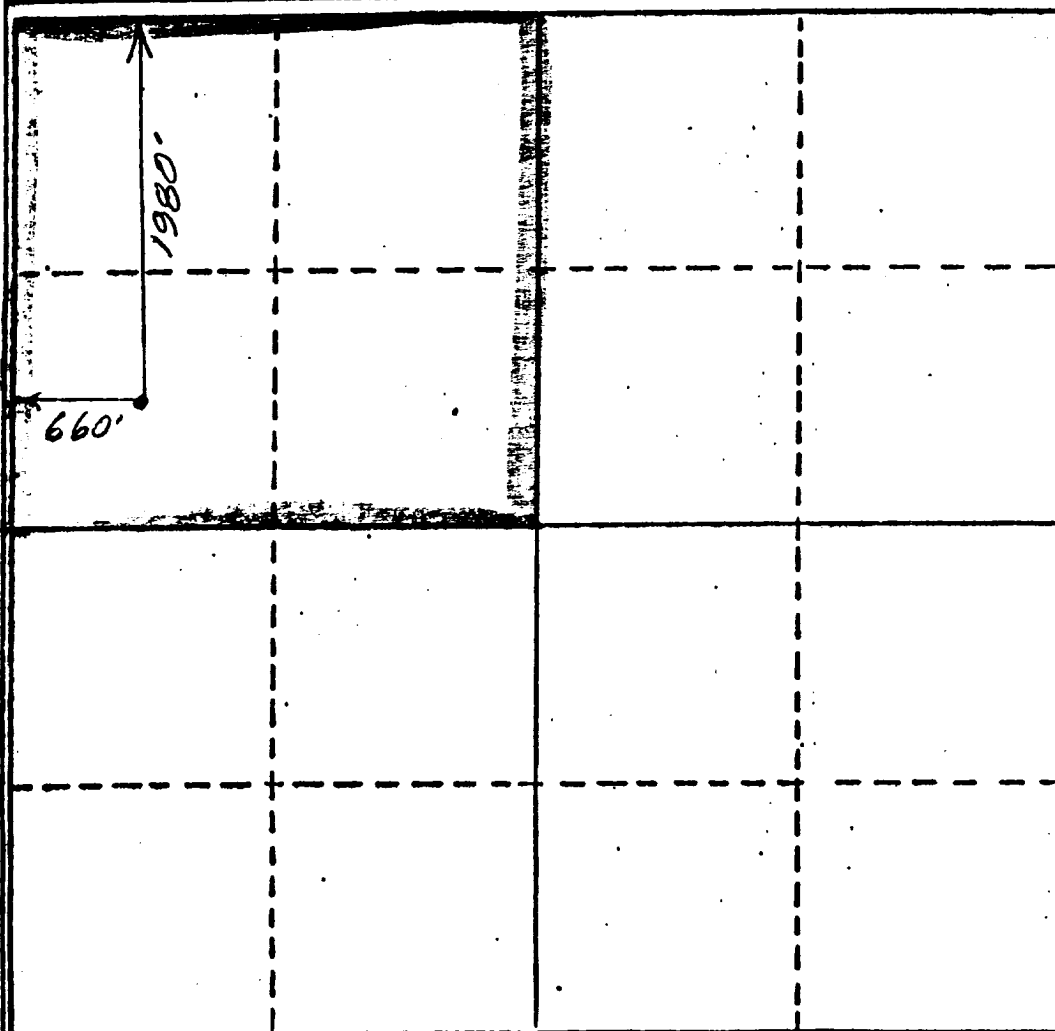
1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

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ARTESIA, OFFICE

☐ Yes ☐ No If answer is "yes;" type of consolidation \_\_\_\_\_

If answer is "no;" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) \_\_\_\_\_

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Division.



**CERTIFICATION**

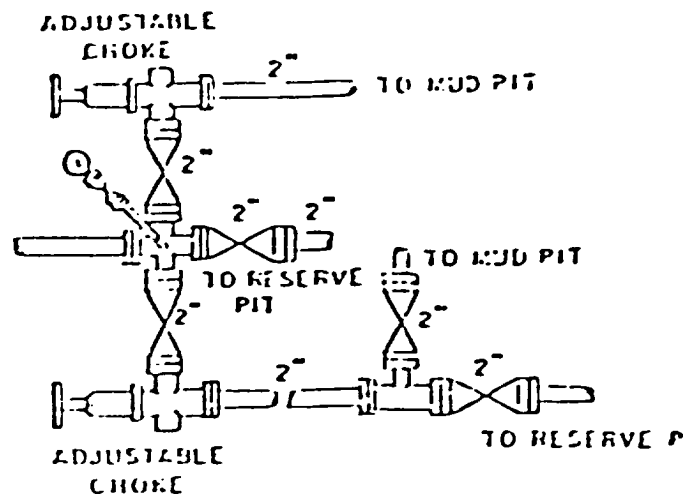
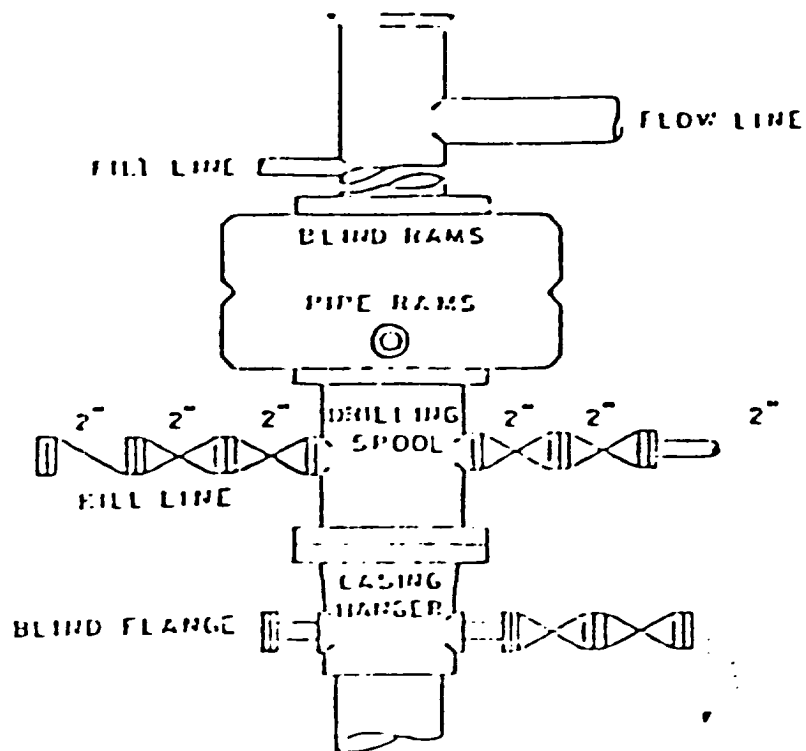
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name \_\_\_\_\_  
Agent \_\_\_\_\_  
Position \_\_\_\_\_  
Harvard Petroleum Corp.  
Company \_\_\_\_\_  
March 30, 1987  
Date \_\_\_\_\_

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed \_\_\_\_\_  
MARCH 25 1987  
Registered Professional Land Surveyor and/or Land Surveyor  
John D. Jaques  
Certificate No. 6290

330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290



### ROP DIAGRAM

3000# Working Pressure  
Rams Operated Daily

APPENDIX B